



## State of Utah

### Department of Natural Resources

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*Executive Director*

### Division of Oil, Gas & Mining


LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

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*Lieutenant Governor*

May 17, 2004

TO: File

FROM: Paul Baker, Senior Reclamation Biologist 

SUBJECT: Site Inspection, Quality Building Stone, Italian Tan Quarry,  
S/007/038, Carbon County, Utah

Date of Inspection: May 10, 2004  
Time of Inspection: About 3:15-3:45 p.m.  
Conditions: Mostly clear, windy, 70's  
Participants: Paul Baker, DOGM

#### **Purpose of Inspection:**

The operator proposed this quarry in early March, and although the Division needed additional information and never approved a reclamation bond, I was concerned the site might have been disturbed. If it was not disturbed, I wanted to see what the site looked like prior to disturbance.

#### **Getting to the site:**

The quarry is on the back side of a hill as one starts up Hardscrabble Canyon above Utah Railway's Martin Locomotive Yard in Helper.

#### **Observations:**

The site consists of a crossing over Hardscrabble Creek and a road that switches back up the side of the hill. There are a few wide spots in the road, such as the area near the center of Photo 1, and there is also at least one side road. Material from building the road was sidecast down the hill.

There was one pile of material that might be soil, but I otherwise saw no sign that soil had been saved.

I took a GPS reading near the center of the site, but I did not attempt to map the area. The place I marked using the GPS is right within the proposed disturbed area marked on the map included with the NOI. The disturbance is definitely less than five acres.

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S/007/038

Inspection Date: May 10, 2004; Report Date: May 17, 2004

Although the bottom of the ephemeral stream channel has been disturbed, no sediment control measures were employed. This channel sometimes carries water in the spring and late summer, and it is not far from the Price River.

I saw no evidence of stone being cut on site.

#### **Conclusions and Recommendations:**

No one from Quality Building Stone was present at the time of the inspection, and although the NOI from Quality Building Stone includes the area that was disturbed, I did not have evidence they actually disturbed the area. For this reason, I spoke with a representative of Utah Railway which owns the land. He confirmed that Quality Building Stone had created the disturbance.

The NOI requests a variance from reclamation requirements for the roads which would be left as part of a permanent transportation system. The Division required further justification for leaving the roads and agreement from the land owner to maintain the roads. After viewing the site, I cannot envision any postmining land use for the roads other than possible access to the power lines, but there is already a road to these lines.

The Utah Mined Land Reclamation Act requires that a reclamation bond be approved by the Division before disturbance occurs. The NOI includes a letter saying Gillen and Associates have sent application for a reclamation bond for Quality Building Stone, but the Division has not received or approved a bond.

Any soil has already been either sidecast or compacted, so I don't know how it would be possible to save it.

Although Hardscrabble Creek is ephemeral, there is enough disturbance in the creek bed itself and in areas immediately adjacent to the creek that some form of sediment control is appropriate. If the operator is going to continue operations in this area, a culvert crossing should be installed, and berms and silt fences should be placed to treat water coming off the site.

The Division needs to issue a notice of noncompliance requiring the operator to complete the NOI and submit a reclamation bond. The Division should also consider requiring the operator to do some of the sediment control discussed above.

PBB:jb

cc: Wes Hansen, Quality Building Stone

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## ATTACHMENT

### Photographs

S/007/038, Italian Tan Quarry, Quality Building Stone

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Photo 1. A portion of the disturbance midway up the hill. The road up Hardscrabble Canyon is in the extreme upper right of this photo.



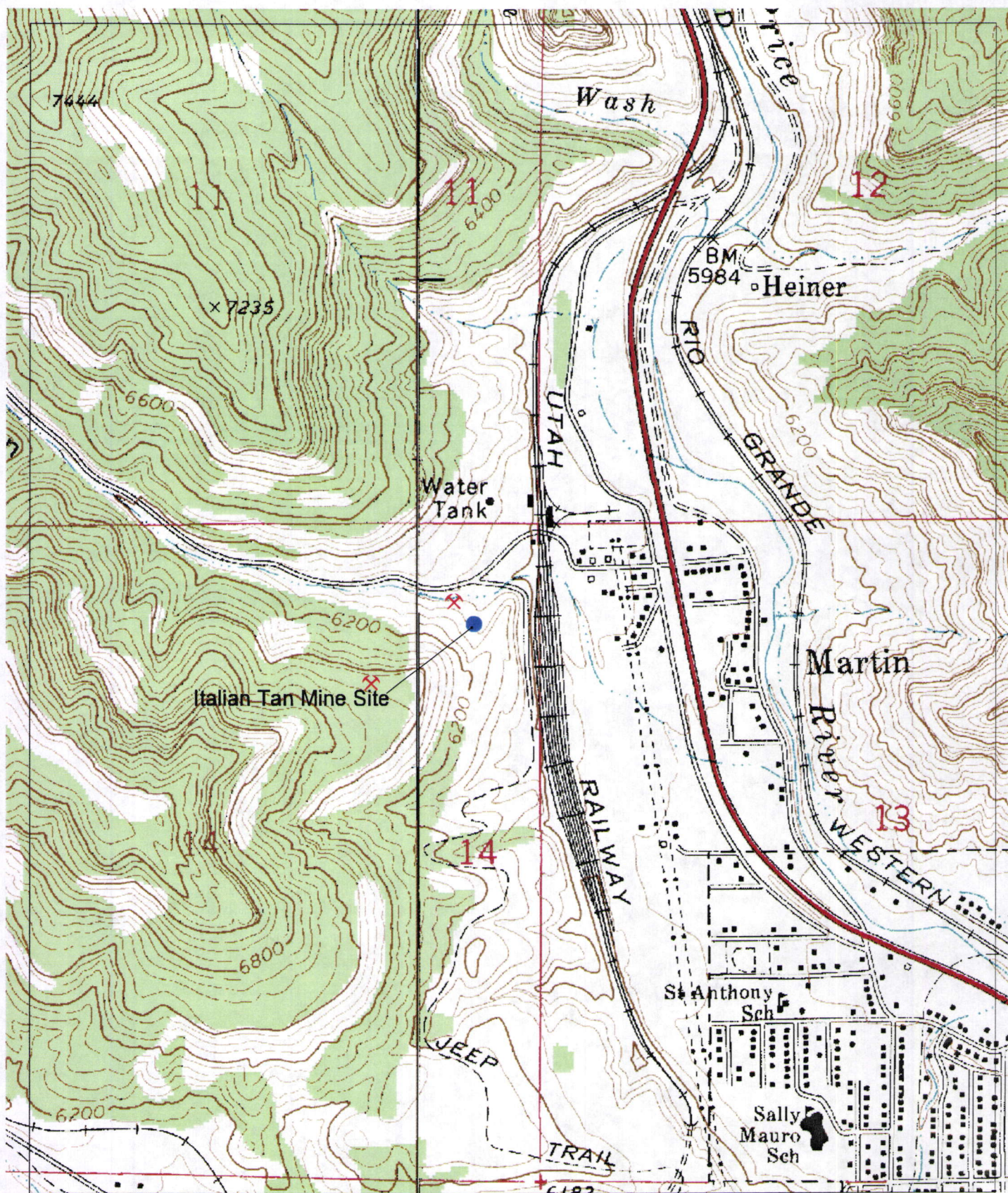
Photo 2. This photo is of an area near the top of the disturbance.





**Photo 3. Panorama of the crossing through Hardscrabble Creek (ephemeral stream) and the lower part of the disturbed area. In the upper right is Utah Railway's Martin Locomotive Yard.**





Dept. of Natural Resources  
Division of Oil, Gas & Mining  
Mineral Mines Program

Different data sources and input scales  
may cause misalignment of data layers.  
This product may not meet DOGM  
standards for accuracy and content.

300 0 300 600 Feet



Contour interval: 40 feet



Mine Number: S/007/038

Mine Name: Italian Tan

Township 13 S Range 9 E Section 14 SLBM

Site is in the Heiper Quad, but the map includes portions  
of the Heiper (east) and Standardville (west) quads.

Drafted by PBB

May 2004